

This schematic diagram illustrates a fluid control system for a wellbore. A vertical wellbore is shown on the left, with a downward-pointing arrow indicating fluid flow. A valve assembly, labeled 26, is positioned within the wellbore. A horizontal pipe, labeled 54, extends from the wellbore to the right. This pipe contains a valve, labeled 46, and is connected to a reservoir or storage tank, labeled 44. The reservoir 44 is filled with a fluid, indicated by diagonal hatching, and contains a float valve, labeled 42. A return line, labeled 48, connects the reservoir 44 back to the wellbore. A second horizontal pipe, labeled 58, branches off from the main line 54 and leads to a pump or motor unit, labeled 60. This unit is connected to a return line, labeled 62, which also feeds back into the wellbore. A valve, labeled 64, is located on the line connecting the pump unit 60 to the return line 62. Arrows indicate the flow direction: from the wellbore through valve 26 into pipe 54, and from the pump unit 60 back into the wellbore via line 62.

Figure 1

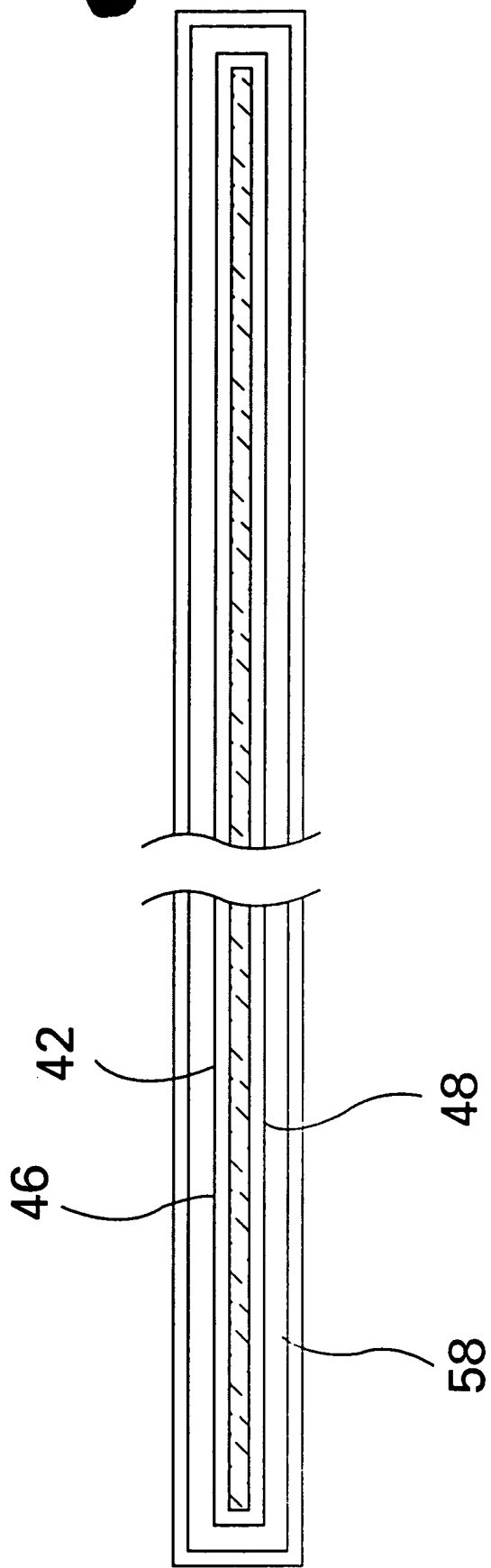


Figure 2

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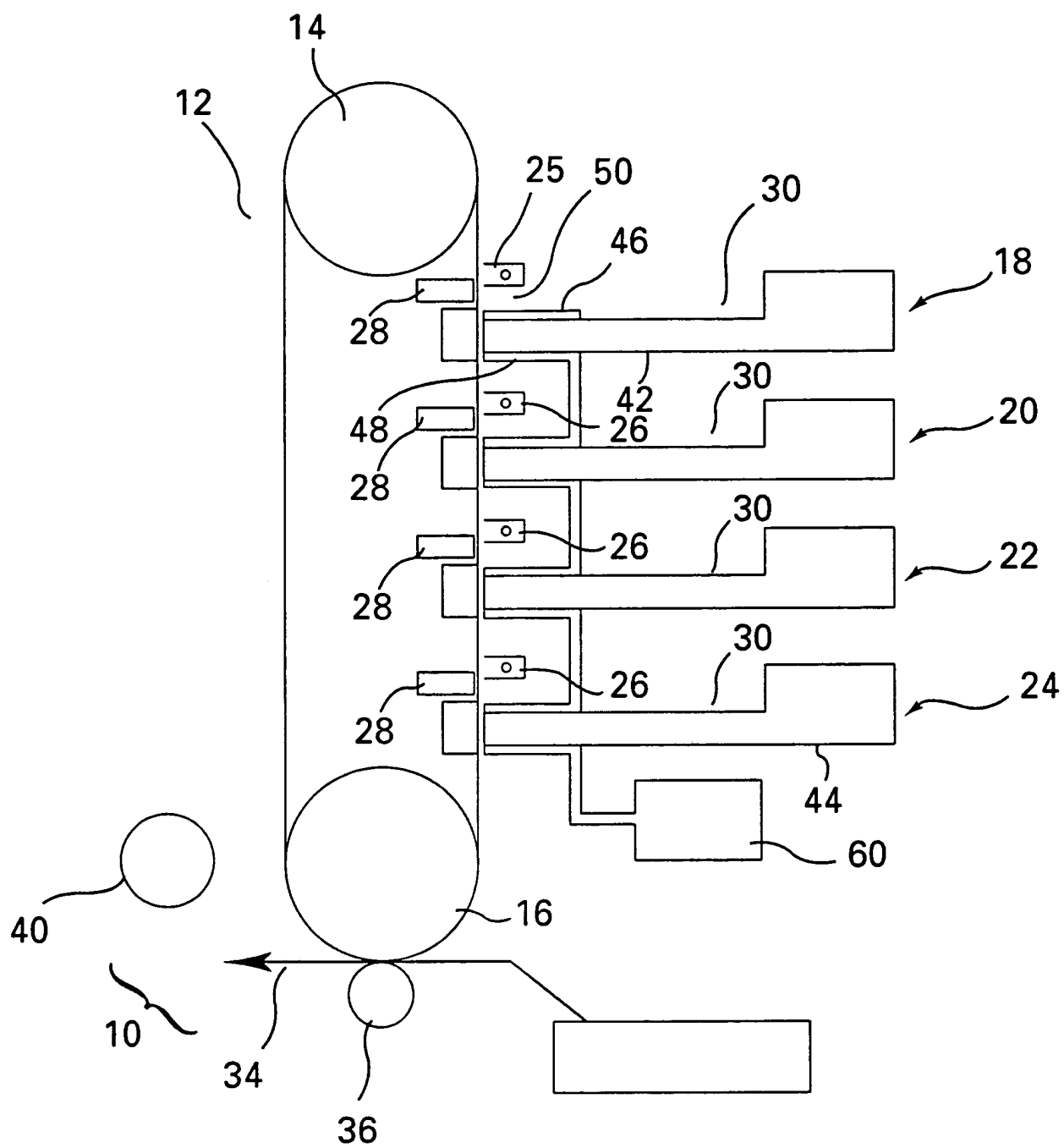


Figure 3